

CONFIDENTIAL

25X1

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25 January 1967

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Subject: [redacted] Progress Report
November 1966 - Project [redacted]

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Gentlemen:

Enclosed is a copy of [redacted] Progress Report on
Project [redacted] for the period November 1966.

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Also included is our Financial Report for this period.

Very truly yours,

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LHB/aw

Encl: (1) P. R.
(2) F. R.

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Declass Review by NIMA / DoD

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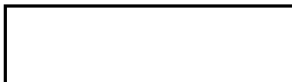


PROGRESS REPORT

Period Covered: November 1966

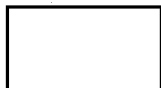
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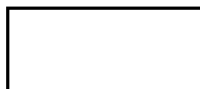
A. PRESENT STATUS


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Unit is ready for delivery except for a problem with the lamp dimming circuit. This difficulty is discussed in detail below under Problem Areas.

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Unit has same status as  plus it requires assembly of the hi-intensity light sources and final checkout. 25X1

B. PROBLEM AREAS

Lamp Flicker

The problem with lamp flicker due to electrical noise generated by the film transport drive circuit still exists. A number of approaches are being made to find a simple and economical solution. These approaches are mainly concerned with isolating the dimming circuit from those generating noise and the use of radio interference filtering. The manufacturer of the dimming control circuit has also been consulted and there is a good possibility that he may be able to suggest an effective filtering configuration or possible even a modification of the dimming circuit to make it less susceptible to the type of noise present.

Film Tracking

The problem originally encountered on the  25X1 with the tendency for the film to track off to the side when being

25X1 transported, does not seem to exist [] This we beleive
25X1 is due to the substitution of polished chrome plated rollers for
the segmented nylon ones originally used. We feel that the lower
friction between the chrome roller and the film reduces the tendency
for the film to "walk off" while being transported.

C. PROJECTED WORK FOR DECEMBER

25X1 [] It is expected that the lmap flicker problem
will be solved, the equipment modified and receive final inspection
and be shipped.

25X1 [] Unit will be made ready for inspection by the
customers technical representative.

D. VISIT [] TO CUSTOMERS FACILITY 11-23-66

25X1 [] visited customers facility
25X1 to investigate a problem [] The problem was found to be
in the mechanical slip clutches in the film drive system. The unit
was disassembled and the defective parts replaced. Subsequent to
this it was noticed that the film was being transported in an irregular
manner. This problem was diagnosed as being caused by the tensioning
rollers which were occasionally dropping down to the film surface.
25X1 This is caused by the heavier chrome plated rollers which replaced
the lighter nylon rollers [] taped the rollers in the up
position and indicated that he would look into what could be done
to increase the return spring force on these rollers.

E. FINANCIAL STATEMENT

Financial statement for the month of November
is included.

